250					RES	S MAIL NO.	: EV 003 64	8 879 1	us
€,	Sheet 1 of 4								
		1 B 300							
Г	101	1 0 20	<u> </u>	-	ATTY, DOCKET NO.		APPLICATION N	<b>D</b> .	
	THE STATE OF THE S				5914-084-999	09/955,006			
ı	REFERENCES CITED BY APPL				APPLICANT Schneider and Klein		confirmation 7849	NO.	
			(Use several sheets if n	FILING DATE		GROUP	<del></del>		
L		<u> </u>			September 17, 2001	<del></del>	1648		
L		_		U.S. PATENT	DOCUMENTS	'오			
	*EXAMINER INITIAL	<u> </u>	DOCUMENT NUMBER	DATE	NAME	- GP	SECLASS	FILIN APPI	IG DATE ROPRIATE
	Mos	AA	5,593,997	January 14, 1997	Dow et al.		<u>ಬ</u>	<b>H</b>	
L						R 16	2	<	
Γ			<del>-</del>	FOREIGN PATEN	AT DOCUMENTS	9/2	02		
			DOCUMENT NUMBER	DATE	COUNTRY	- L	SUBCLASS	TRAN	SLATION
-	1.00	<del> </del>					<u> </u>	YES	NO
L	10	' AB	WO 96/40629	December 19, 1996	PCT		U\$		
L	NO	AC	WO 91/16892	November 14, 1991	PCT		<u> </u>		
			OTHER RE	FERENCES (Including Aut	hor, Title, Date, Pertinent Pages, Etc	c. <i>)</i>			
	Andrisani and Barnabas, 1999, "The Transcriptional Function of the Hepatitis B Virus X Protein and its Ro in Hepatocarcinogenesis", Int. J. Oncol. 15:373-379					Role			
		AE Balsano et al., 1994, "Hepatitis B Virus X Gene Product Acts as a Transactivator In Vivo", J. Hepatol. 21:103-109							
		AF	Barone and Courtneido Inactive Src", Nature 3		Fos Rescue of PDGF Signallin	g Block Ca	used by k	(inase	; <del>-</del>
		AG			na and Hepatitis B Virus'', Land	cet 1129-1	133		
		АН	Benn et al., 1995, "Hep Acad. Sci USA 92:112		ein Deregulates Cell Cycle Che	eckpoint C	ontrols", P	roc. N	lati.
	BR	AI			ein Induces Transcription Fact erminal Mitogen-Activated Pro				1978-
	Mo	AJ			ein Activates Ras-GTP Compleroc. Natl. Acad. Sci. USA 91:10			tablisl	hes A
	gree		Butel et al., 1996, "Is the Carcinogenesis", Trend		Involved in Hepatitis-B-Virus-N	Mediated H	epatocelli	ular	-
	Blee	AL	Cartwright et al., 1987, Domain", Cell 49:83-91	"Cell Transformation b	by pp60 <sup>c-src</sup> Mutated in the Carb	oxyl-Termi	nal Regul	atory	
	Mel	AM	Clapham, 1997, "Calci	um Signaling", Cell 80::	259-268				
L		AN	Cooper and Howell, 19	93, "The When and Ho	ow of Src Regulation", Cell 73:1	1051-1054			
		АО			tis B Virus X Protein Is Promiso Kinases", Proc. Natl. Acad. Sci				
		AP	Dent et al., 1992, "Activ Vitro", Science 257:140		ated Protein Kinase Kinase by	v-Raf in N	H 3T3 Ce	lls and	nl b
		AQ	Dikic et al., 1996, "A Ro Activation", Nature 383		Linking G-protein-coupled Rec	ceptors with	Map Kin	ase	
		Doria et al., 1995, "The Hepatitis B Virus HBx Protein Is a Dual Specificity Cytoplasmic Activator of Ras a Nuclear Activator of Transcription Factors", EMBO 14:4747-4757				s and			
	AS Erpel and Courtneidge, 1995, "Src Family Protein Tyrosine Kinases and Cellular Signal Transduction Pathways", Curr. Opin. Cell Biol. 7:176-182								

(O ,?,	PE,	13	Sheet2_ of4
<del>- 111 - 1</del>	8 300S	<b>B</b>	
1809	بعر		Ganem and Varmus, 1987, "The Molecular Biology of the Hepatits B Viruses", Ann. Rev. Biochem. 56:651-693
IRA	AU		Hanke et al., 1996, "Discovery of a Novel, Potent, and Src Family-Selective Tyrosine Finance Inhibitor", J. Biol. Chem. 271:695-701
AV		ΑV	Haruna et al., 1990, "Expression of X Protein and Hepatitis B Virus Replication in Chronic Hepatitis Hepatology 13:417-421
	AW		Howe et al., 1992, "Activation of the MAP Kinase Pathway by the Protein Kinase raf 5 ell 71,335,342
			Iba et al., 1985, "Low Level of Cellular Protein Phosphorylation by Nontransforming erproduced 60°-src", Mol. Cell. Biol. 5:1058-1066
	,		Katayama et al., 1989, "Detection of hepatitis B Virus X Gene Protein and Antibody in Type B Chronic Liver Disease", Gastroenterology 97:990-998
	, ,		Kekule et al., 1993, "Hepatitis B Virus Transactivator HBx Uses a Tumor Promoter Signalling Pathway", Nature 361:742-745
10			Klein and Schneider, 1997, "Activation of Src Family Kinases by Hepatitis B Virus HbX Protein and Coupled Signaling to Ras", Mol. Cell. Biol. 17: 6427-6436
130	)/- <sub>E</sub>	вв	Klein et al., 1999, "Src Kinases Involved in Hepatitis B Virus Replication", EMBO 18:5019-5027
	) E		Koike et al., 1993, "High-Level Expression of Hepatitis B Virus HBx Gene and Hepatocarcinogenesis in Transgenic Mice", Hepatology 19:810-819
	E		Lee et al., 1990, "Hepatitis B Virus Transactivator X Protein Is Not Tumorigenic in Transgenic Mice", J. Virol. 64:5939-5947
	E		Lee et al., 1995, "Precision Substrate Targeting of Protein Kinases v-Abl and c-Src", J. Biol. Chem. 270:27022-27026
	E		Lee et al., 1995, "Hepatitis B Virus X Protein Interacts with a Probable Cellular DNA Repair Protein", J. Virol. 69:1107-1114
	E		Liu et al., 1993, "Regulation of c-Src Tyrosine Kinase Activity by the Src SH2 Domain", Oncogene 8:1119- 1126
	E		Lowell and Soriano, 1996, "Knockouts of Src-Family Kinases: Stiff Bones, Wimpy T Cells, and Bad Memories", Genes & Dev. 10:1845-1857
			Lucito and Schneider, 1992, "Hepatitis B Virus X Protein Activates Transcription Factor NF-кВ without a Requirement for Protein Kinase C", J. Virol. 66:983-991
ale	C		Maguire et al., 1991, "HBV X Protein Alters the DNA Binding Specificity of CREB and ATF-2 by Protein-Protein Interactions", Science 252:842-844
	E	зк	Mahe et al., 1991, "Hepatitis B Virus X Protein Transactivates Human Interleukin-8 Gene through Acting on Nuclear Factor kB and CCAAT/Enhancer-Binding Protein-Like cis-Elements", J. Biol. Chem. 266:13759-13763
	E		Marion et al., 1986, "Hepatocellular Carcinoma in Ground Squirrels Persistently Infected with Ground Squirrel Hepatits Virus", Proc. Natl. Acad. Sci. USA 83:4543-4546
	Е		Messerschmitt et al., 1997, "DNA Tumor Viruses and Src Family Tyrosine Kinases, an Intimate Relationship", Virology 227:271-280
	E		Meyers et al., 1986, "Hepatitis B Virus Polypeptide X: Expression in Escherichia coli and Identification of Specific Antibodies in Sera from Hepatitis B Virus-Infected Humans", J. Virol. 57:101-109
	E		Murakami et al., 1994, "Transactivation of Human Hepatitis B Virus Protein, HBx, Operates through a Mechanism Distinct from Protein Kinase C and Okadaic Acid Activation Pathways", Virology 199:243-246
	E		Nair et al., 1995, "Identification of Efficient Pentapeptide Substrates for the Tyrosine Kinase pp60 <sup>c-src</sup> ', J. Med. Chem. 38:4276-4283
	В		Natoli et al., 1994, "Induction of the DNA-Binding Activity of c-Jun/c-Fos Heterodimers by the Hepatits B Virus Transactivators pX", Mol. Cell. Biol. 14:989-998
1			Popper et al., 1987, "Hepatocarcinogenicity of the Woodchuck Hepatitis Virus", Proc. Natl. Acad. Sci. USA 84:866-870

0	~ 55/	Sheet <u>3</u> of <u>4</u>
JUL 1 8		Ramdas et al., 1996, "A Synthetic Peptidic Substrate of Minimal Size and Semi-Optimal Sequence for the Protein Tyrosine Kinase pp60 <sup>c-srci</sup> , Arch. Biochem. Biophys. 326:73-78
& TRADE	.057	Ramdas et al., 1995, "A Tyrophostin-Derived Inhibitor of Protein Tyrosine Kinases Solation and Characterization", Arch. Biochem. Biophys. 323:237-242
	BU	Robinson, 1994, "Molecular Events in the Pathogenesis of Hepadnavirus-Associated Hepatocellular Carcinoma", Ann. Rev. Med. 45:297-323
	BV	Rogler, 1991, "Cellular and Molecular Mechanisms of Hepatocarcinogenesis Associated with Hepadnavirus Infection", Curr. Top. Microbiol. Immunol. 168:103-140
	BW	Sawyers et al., 1992, "Dominant Negative MYC Blocks Transformation by ABL Oncogenes", Cell 70:901- 910
	вх	Seeger et al., 1991, "Woodchuck Hepatitis Virus Is a More Efficient Oncogenic Agent than Ground Squirrel Hepatitis Virus in a Common Host", J. Virol. 65:1673-1679
	BY	Seto et al., 1990, "Transactivation by the Hepatitis B Virus X Protein Depends on AP-2 and Other Transcription Factors", Nature 344:72-74
	BZ	Siddiqui et al., 1989, "Trans-Activation of Viral Enhancers Including Long Terminal Repeat of the Human Immunodeficiency Virus by the Hepatits B Virus X Protein", Virology 169:479-484
	CA	Spandau and Lee, 1988, "Trans-Activation of Viral Enhancers by the Hepatitis B Virus X Protein", J. Virol. 62:427-434
	СВ	Stokoe and McCormick, 1997, "Activation of c-Raf-1 by Ras and Src through Different Mechanisms: Activation In Vivo and In Vitro", EMBO 16:2384-2396
	сс	Su and Schneider, 1996, "Hepatitis B Virus HBx Protein Activates Transcription Factor NF-кВ by Acting on Multiple Cytoplasmic Inhibitors of rel-Related Proteins", J. Virol. 70:4558-4566
	CD	Takada et al., 1994, "Interaction of Hepatitis B Virus X Protein with a Serine Protease, Tryptase $TL_2$ as an Inhibitor", 9:341-348
	CE	Tsui et al., 1995, "Posttranscriptional Clearance of Hepatitis B Virus RNA by Cytotoxic T Lymphocyte- Activated Hepatocytes", Proc. Natl. Acad. Sci. USA 92:12398-12402
	CF	Twamley-Stein et al., 1993, "The Src Family Tyrosine Kinases Are Required for Platelet-Derived Growth Factor-Mediated Signal Transduction in NIH 3T3 Cells", Proc. Natl. Acad. Sci. USA 90:7696-7700
	cG	Twu and Schloemer, 1987, "Transcriptional Trans-Activating Function of Hepatitis B Virus", J. Virol. 61:3448-3453
	СН	Yaginuma et al., 1987, "Hepatitis B Virus (HBV) Particles Are Produced in a Cell Culture System by Transient Expression of Transfected HBV DNA", Proc. Natl. Acad. Sci. USA 84:2678-2682
	CI	Yamaji et al., 1995, "Overexpression of Csk Inhibits Acid-Induced Activation of NHE-3", Proc. natl. Acad. Sci USA 92:6274-6278
	C1	Ye et al., 1995, "L-0-(2-Malonyl)Tyrosine: A New Phosphotyrosyl Mimetic for the Preparation of Src Homology 2 Domain Inhibitory Peptides", J. Med. Chem. 38:4270-4275
	ск	Yen, 1996, "Hepadnaviral X Protein: Review of Recent Progress", J. Biomed. Sci. 3:20-30
	CL	Yokoyama et al., 1995, "Angelmicin B, a New Inhibitor of Oncogenic Signal Transduction, Inhibits Growth and Induces Myelomonocytic Differentiation of Human Myeloid Leukemia HL-60 Cells", Leuk. Res. 20:491-497
	СМ	Zwick et al. 1999, "Distinct Calcium-dependent Pathways of Epidermal Growth Factor Receptor Transactivation and Pyk2 Tyrosine Phosphorylation in PC12 Cells.", J. Biol. Chem. 274: 20989-20996
	CN	Chen et al. Immune reactions against hepatitis B viral antigens lead to the rejection of hepatocellular carcinoma in BALB/c mice. Cancer Res. 1993 Oct 1;53(19):4648-51
	co	Li et al. Evaluation of protein kinase inhibitors in an assay system containing multiple protein kinase activities. Anticancer Res. 1993 Nov-Dec;13(6A):1957-64
V	СР	Moriya et al. In vivo inhibition of hepatitis B virus gene expression by antisense phosphorothioate oligonucleotides. Biochem Biophys Res Commun. 1996 Jan 5;218(1):217-23.

<i>(</i>	OIPE	Sheet <u>4</u> of <u>4</u>					
是	and good a	Uehara et al. Angelmicins, new inhibitors of oncogenic src signal transduction. J Antibiot (Tokyo). 1993 Aug;46(8):1306-8					
V	TRADEMAN CR	Yamaguchi et al. Antisense src expression inhibits tyrosine phosphorylation of Shc and its association with Grb2 and Sos which leads to MAP kinase activation in U937 human leukemia cells. Leukemia. 1997 Apr;11(4):497-503					
	EXAMINER	Date considered 39/17/02					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.